

June 21, 2016

ATC Group Services Attn: Mr. Robert Smith 46555 Humboldt, Suite 100 Novi, MI 48377

Project: Matrix Human Services

Dear Mr. Robert Smith,

Enclosed is a copy of the laboratory report for the following work order(s) received by TriMatrix Laboratories:

Work Order	Received	Description
1606226	06/09/2016	LBM

This report relates only to the sample(s) as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Program (NELAP) and/or one of the following certification programs:

ANAB DoD-ELAP/ISO17025 (#ADE-1542); Arkansas DEP (#88-0730/13-049-0); Florida DEP (#E87622-24); Georgia EPD (#E87622-24); Illinois DEP (#200026/003329); Kentucky DEP (AL123065/#0021); Michigan DPH (#0034); Minnesota DPH (#491715); New York ELAP (#11776/53116); North Carolina DNRE (#659); Virginia DCLS (#460153/7952); Wisconsin DNR (#999472650); USDA Soil Import Permit (#P330-14-00305).

Any qualification or narration of results, including sample acceptance requirements and test exceptions to the above referenced programs, is presented in the Statement of Data Qualifications and Project Technical Narrative sections of this report. Estimates of analytical uncertainties and certification documents for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Gary L. Wood Project Chemist



PROJECT TECHNICAL NARRATIVE(s)

No Project Narrative is associated with this report.

Page 2 of 11



STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program. No Qualification is required.



ANALYTICAL REPORT

Client: ATC Group Services Work Order: 1606226
Project: Matrix Human Services Description: LBM

Client Sample ID: 1-KS-P-LBM Kitchen Sink Refrigerator Side Sampled: 06/07/16 06:40
Lab Sample ID: 1606226-01 Sampled By: Charles Gheen
Matrix: Drinking Water Received: 06/09/16 16:30

Metals in Drinking Water by EPA 200 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	Ву	QC Batch
Lead	0.0017	0.0010	0.015	mg/L	1	USEPA-200.8 Rev. 5.4	06/20/16 11:24	MSB	1606242



ANALYTICAL REPORT

Client: ATC Group Services Work Order: 1606226
Project: Matrix Human Services Description: LBM

Client Sample ID: **2-KS-P-LBM Kitchen Sink Microwave Side** Sampled: 06/07/16 06:45 Lab Sample ID: **1606226-03** Sampled By: Charles Gheen Matrix: Drinking Water Received: 06/09/16 16:30

Metals in Drinking Water by EPA 200 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	Ву	QC Batch
Lead	<0.0010	0.0010	0.015	mg/L	1	USEPA-200.8 Rev. 5.4	06/20/16 11:25	MSB	1606242



ANALYTICAL REPORT

Client:ATC Group ServicesWork Order:1606226Project:Matrix Human ServicesDescription:LBM

Client Sample ID: 3-SF-P-LBM Sink Faucet Young Toddler Room Sampled: 06/07/16 06:50 Lab Sample ID: 1606226-05 Sampled By: Charles Gheen Matrix: Drinking Water Received: 06/09/16 16:30

Metals in Drinking Water by EPA 200 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	Ву	QC Batch
Lead	<0.0010	0.0010	0.015	mg/L	1	USEPA-200.8 Rev. 5.4	06/20/16 11:26	MSB	1606242



QUALITY CONTROL REPORT

Metals in Drinking Water by EPA 200 Series Methods

	Sample	Spike			Spike	Control		RPD	
QC Type	Conc.	Qty.	Result	Unit	% Rec.	Limits	RPD	Limits	RL

Analyte: Lead/USEPA-200.8 Rev. 5.4

QC Batch: 1606242 (Metals Direct Analysis)					Analyzed: 06/20/2016	By: MSB
Method Blank		<0.0010	mg/L			0.0010
Laboratory Control Sample	0.0400	0.0383	mg/L	96	85-115	0.0010



PRETREATMENT SUMMARY PAGE

ATC Group Services Client: **Matrix Human Services** Project:

				Date & Time	
Pretreatment	Lab Sample ID	Batch	Ву	Prepared	
USEPA 600/R-94/173	1606226-01	1606242	PNS	06/16/16 12:27	
	1606226-03	1606242	PNS	06/16/16 12:27	
	1606226-05	1606242	PNS	06/16/16 12:27	



Chain of Custody Record

COC No. 160611067

100															
Cart 3	Only	Phone (5560 Corporate Exchange Court SE, Grand Rapids, MI 49512 Phone (616) 975-4500 Fax (616) 942-7463 www.trimatrixlabs.c	1rt SE, G 942-746	rand Rapi	www.trimatrixlabs.com)512 bs.cc) m	_	œ		nalyses	Analyses Requested	Pg. 1 0	of 1
VOA Rack/Tray		Client Name ATC Group Services) Services	Proj	Project Name Matrix Human Services -LBM	nan Serv	ices	LBN	_) 1	- Hold		381	W > .	NONE pH-7
Receipt Log No.	7	Address 46555 Hun	Address 46555 Humboldt Drive, Ste 100	Clie	Client Project No. / P.O. No. 188BS16284	o. / P.O. No. 188BS16284				mary (F	sh (F)			D 0	H ₂ SO ₄ pH<2
Project Chemist Jim McFadden	Š	City, State Zip Novi MI 48377	377	Invo	Invoice To	☐ Client	Client Other (comments)	nmer	is .	d - Prir	d - Flu			n m	NaOH pH>1
Work Order No.	í	Phone:	248-669-5140 Fax 248-669-5147		Contact/Report To	- 1	1			Lea	Lea			0 N	MeOH
10000	226		robert.smith@atcassociates.net	Ro	Robert Smith				- Control	Conta	iner T	ype (correspo	Container Type (corresponds to Container Packing List)	но	Other (note below
Schedule Gode	Sample		Field Sample ID	Cooler ID	Sample Date	Sample Time	⊽ ≅00	ອ>×ຄ ≥	Matrix			Number of Co	Number of Containers Submitted	Total Sample Commen	e Commen
	2	1 1-KS-P-LB	1-KS-P-LBM Kitchen Sink refrigerator Side		6/7/16	640		×	DW	×					
	B	2 1-KS-F-L	1-KS-FLBM Kitchen Sink refrigerator Side		6/7/16	642		×	DW		×				
	S	3 2-KS-P-LE	2-KS-P-LBM Kitchen Sink Microwave Side		6/7/16	645		×	DW	×					
	2	4 2-KS-F-LE	2-KS-F-LBM Kitchen Sink Microwave Side		6/7/16	647		×	DW		×				
	B	5 3-SF-P-LBI	3-SF-P-LBM Sink Faucet Young Toddler Room		6/7/16	650		×	DW	×				-23	
	8	6 3-SF-F-LBN	3-SF-F-LBM Sink Faucet Young Toddler Room		6/7/16	652		×	DW		×				
		7													
		0													
		φ		j											
		10				GI N									
Sampled By (print) Charles D Gheen			How Shipped? Hand	Carrier		Comments	w		If lea	dore	opper	r is above de	If lead or copper is above detection limits, please analyze flush samples	flush sampl	es
Sampler's Signature	2											LBM	Lbm-Lii brilliant Mings		
Company			-	Poles PAH	Time	2 Reduild By	1 6	usy		C/9/10 Date	Date 9/10 Date	10 3 o	3. Relimpulethough		9 of 11
			ころとといったり	mill m	1.				1				Les mann will	017/10	age

ORIGINAL - LABORATORY

COPY - SAMPLER

Page

SAMPLE RECEIVING / LOG-IN CHECKLIST

TRIMATRI LABORATORI	fact the same of t	Work New / Add To	Order # 100002210
LABORATORI	E S Receipt Record Page/Line # 22 -	27 Project Chemist Samp	No #\$
Recorded by (initials/date) LA LUTOTIL	Cooler Qty Rec	ived R Gun (#202) / Thermometer Used Digital Thermon Other (#	See Additional Cooler Information Form
Cooler # 2389 Time 0749	Cooler # Time	Cooler # Time	Cooler# Time
Custody Seals:	Custody Seals:	Custody Seals:	Custody Seals;
None	□ None	☐ None	□ None
Present / Intact	☐ Present / Intact	Present / Intact	☐ Present / Intact
Present / Not Intact	Present / Not Intact	Present / Not Intact	Present / Not Intact
Coolant Type: □ Loose Ice	Coclant Type:	Coolant Type	Coolant Type:
☐ Bagged Ice	☐ Bagged Ice	☐ Bagged Ice	D Bagged Ice
D Blue Ice	☐ Blue Ice	☐ Blue Ice	☐ Blue Ice
None	□ None	□ None	□ None
Coolant Location:	Coolant Location:	Coolant Location:	Coolant Location:
Dispersed / Top / Middle / Bottom Temp Blank Present: ☐ Yes ☐ No	Dispersed / Top / Middle / Botto Temp Blank Present: Yes No		Dispersed / Top / Middle / Botton
If Present, Temperature Blank Location is:	If Present, Temperature Blank Location		Temp Blank Present: Yes No If Present, Temperature Blank Location i
Representative Not Representative	Representative Not Representa		The second secon
Observed Correction Factor *C Actual *C	Observed Correction Correction Factor *C. Actual *	C Observed Correction Factor *C Factor *C Actual *C	Observed Correction Actual *C
Temp Blank:	Temp Blank:	Temp Blank	Temp Blank:
Sample 1 22.8 - 22.8	Sample 1:	Sample 1:	Sample 1;
Sample 2 22.7 - 22.7	Sample 2:	Sample 2:	Sample 2:
Sumple 2 22.8 - 22.8	Sample 3:	Sample 3:	Sample 3:
3 Sample Average °C: 22.8	3 Sample Average *C:	3 Sample Average °C:	3 Sample Average °C:
Cooler ID on COC?	Cooler ID on COC?	Cooler ID on COC?	Cooler ID on COC?
VOC Trip Blank received?	☐ VOC Trip Blank received?	☐ VOC Trip Blank received?	□ VOC Trip Blank received?
If any shaded a	reas checked, complete Sample	Receiving Non-Conformance and/o	or Inventory Form
Paperwork Received		Check Sample Preservation	
Yes No		N/A Yes No	
Chain of Custody record(s)?	Charles and the control of the contr	The second secon	ink OR average sample temperature, ≥6° C?
Received for Lab Signed/Da Shipping document?	ite/Time?	// Manual	, was thermal preservation required?
O Other			ct Chemist Approval Initials: leted Non Con Cooler - Cont Inventory Form
COC Information		Completed Sam	ple Preservation Verification Form?
☑ TriMatrix COC □ Other	THE STATE OF THE S	1 / 2000000	ally preserved correctly?
COC ID Numbers:		If "No", added or	range tag?
		Received pre-pr	eserved VOC soils?
Check COC for Accuracy	Chicago Valley	Check for Short Hold-Time Prep//	□ Na ₂ SO ₄
Yes No		Bacteriological	Malyaea
Analysis Requested?		☐ Air Bags	AFTER HOURS ONLY:
Sample ID matches COC?		☐ EnCores / Methanol Pre-Preserved	COPIES OF COC TO LAB AREA(S)
Sample Date and Time mate		☐ Formaldehyde/Aldehyde	NONE RECEIVED
Analysis Requested? Sample ID matches COC? Sample Date and Time matches Cocy Container type completed or All container types indicated		☐ Green-tagged containers	RECEIVED, COCs TO LAB(S)
Sample Condition Summary	are received?	Yellow/White-tagged 1 L ambers (SV	Prep-Lab)
N/A Yes No		Notes	
Broken containers	s/lids?		
O B, Missing or income			
, Illegible information	NACC	Market State of the State of th	
Low volume recei		☐ Trip Blank received ☐ Trip I	Blank not listed on COC
	on-TriMatrix containers received?	Cooler Received (Date/Time) Paperwork	Delivered (Date/Time) ≤1 Hour Goal Met
	containers have headspace? tions / containers not listed on COC?	Val9/11/2 1/20 10/11	116 0845 Yes I No
Line admine loca	PARTY AND CONTROL OF THE PARTY	WITTU 1000 4110	100 0010



TOINANTOIN SAMPLE PRESERVATION VERIFICATION FORM

Client n +0			RIES		pa	ge oi		
ATC	- LBM				Work Order#	ge of \b0\b22\b		
Receipt Log #		8 5	Completed By (initials/da)	10/16	Project Chemist	1000220		
COC ID#	0.00		a lan				1	56-000000
160611	067		Adjusted by: Date:	DO NOT A	DJUST pH FOR TI	HESE CONTAINER TYPES	pH Strip F	40263
Container Type	5 / 23	4	13	6	15	I A SAIR	1/_	
Tag Color	Lt. Blue	Blue	Brown	Red	Red Stripe	The second second		
Preservative	NaOH	H ₂ SO ₄	H ₂ SO ₄	HNO ₃	HNO ₃	Care and the second	and Page 1925	
Expected pH	>12	<2	<2	<2/	<2			
COC Line #1				1			Aqueous Samp	
COC Line #2		9 9 1				1971 - 11516	each sample ar type, check the	
COC Line #3		OF THE REAL PROPERTY.					acceptable. If	oH is not
COC Line #4		181 (U	The state of the s			10-600-00	acceptable for	
COC Line #5	lesi vis						container, reco	mple
COC Line #6							Receiving Chec	
CGC Line #7							Sample Receiv Conformance F	orm. If
COC Line #8		ray,				PER GAR	approved by Pr add acid or bas	
COC Line #9							sample to achie	
COC Line #10		All I					pH. Add up to, exceed 2x the v	
COC ID#			Adjusted by:				used). Add ora sample contain information requ Record adjusted form. Do not ad container types	er and record uested. d pH on this djust pH for
			Date:	DO NOT AD	JUST PH FOR TH	ESE CONTAINER TYPES	container types	o and 15.
Container Type	5 / 23	4	13	6	15			
Tag Color	Lt. Blue	Blue	Brown	Red	Red Stripe		Container Size	Original Vol. o
Preservative	NaOH	H ₂ SO ₄	H ₂ SO ₄	HNO ₃	HNO ₃		(mL)	Preservative
Expected pH	>12	<2	<2	<2	<2			(mL)
COC Line #1	Anras d		1200	(B)			Container Type 5	NaOH
COC Line #2							500	2.5
COC Line #3							1000	5.0
COC Line #4							Container Type 4	H ₂ SO ₄
COC Line #5			1 9				125	0.5
COC Line #5							250	1.0
COC Line #7						EN PALE	500	2.0
COC Line #8							1000	4.0
COC Line #9				36			Container Type 13	H ₂ SO ₄
COC Line #10	The state of						500	2.5
Comments								